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31003 U.S. PTO
09/778708
02/07/01

BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

Express Mail No.: EL603009521US
Attorney Docket No.: 0342941-0050
Date Filed: February 7, 2001

UTILITY PATENT APPLICATION TRANSMITTAL
(FOR NEW NONPROVISIONAL APPLICATIONS UNDER 37 C.F.R. § 1.53(B))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)	Family Name or Surname	Residence (City and State or Foreign Country)
Matthew D.	Shair	50 Rutland Square, #4 Boston, MA 02118
Gregory A.	Korbel	18 Frost Street, #2 Cambridge, MA 02140
Gojko	Lalic	110 Line Street, #1 Cambridge, MA 02138

Title of the Invention: *Method for Analysis of Reaction Products*

A) APPLICATION ELEMENTS:

- 1) **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) **Applicant Claims Small Entity Status (see 37 CFR 1.27)**

EXPRESS MAIL NO.: EL603009521US
DATE FILED: FEBRUARY 7, 2001

PAGE 1 OF 4

a) Statement Verifying Small Entity Status (optional)

3) **Specification** TOTAL PAGES: 83
-Descriptive Title of the Invention
-Cross References to Related Applications (if applicable)
-Statement Regarding Federally Sponsored R & D (if applicable)
-Reference to sequence listing, a table, or a computer program listing appendix
-Background of the Invention
-Summary of the Invention
-Description of the Drawing (if filed)
-Detailed Description of the Invention
-Claim(s)
-Abstract of the Invention

4) **Drawing(s) (35 U.S.C. § 113)** TOTAL SHEETS: 15
AND
a) Formal Drawings (if checked) (3 sets of 15 sheets each in addition to the one set of 15 sheets filed with the application)

5) **Oath or Declaration** TOTAL PAGES: 3
a) Newly Executed (original or copy)
b) Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application
i) DELETION OF INVENTOR(S): Signed Statement deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

c) Unexecuted

6) **Application Data Sheet**. See 37 CFR 1.76.

7) **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**

8) **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)

a) Computer Readable Form (CRF)

b) Specification Sequence Listing on:

i) CD-ROM or CR-R (2 copies); or

ii) Paper

c) Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

9) **Assignment Papers** (cover sheet & document(s))

10) **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)

11) **Appointment of Attorney**

12) **English Translation Document** (if applicable)

13) **Information Disclosure Statement (IDS)/PTO-1449**

14) **Copies of IDS Citations**

15) **Preliminary Amendment**

16) **Return Receipt Postcard (MPEP 503)** (specifically itemized)

17) **Certified Copy of Priority Document(s)** (if foreign priority is claimed)

18) **OTHER:** (if applicable, specified below)

- (a) Establishing Right of Assignee to Take Action
- (b) Petition to Accept Color Figures

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

CONTINUATION

DIVISIONAL

CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: _____

FILED: _____

EXAMINER: _____

GROUP/ART UNIT: _____

FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

EXPRESS MAIL No.: EL603009521US
DATE FILED: FEBRUARY 7, 2001

D) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

Applicant claims small entity status 37 CFR 1.27

Two checks are enclosed in the amounts of \$615.00 to cover the filing fees as determined on the fee transmittal enclosed herewith and \$130.00 to cover the petition.

The commissioner is hereby authorized to charge filing fees or credit any overpayment to deposit account number 03-1721.

Total filing fee amount \$745.00

E) CORRESPONDENCE ADDRESS:

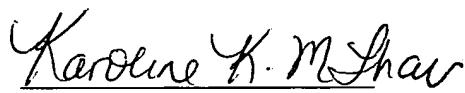
Customer Bar Code Label: 

24280
PATENT TRADEMARK OFFICE

Correspondence Address:

Karoline K. M. Shair
Choate, Hall & Stewart
53 State Street
Exchange Place
Boston, MA 02109
phone: (617) 248-5000
fax: (617) 248-4000

Respectfully Submitted,


Karoline K. M. Shair, Ph.D.
Reg. No.: 44,332

CHOATE, HALL & STEWART
53 State Street
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Boston, MA 02109
Phone: (617) 248-5000
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EXPRESS MAIL NO.: EL603009521US
DATE FILED: FEBRUARY 7, 2001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 615.00)

Compleat if Known	
Application Number	
Filing Date	February 7, 2001
First Named Inventor	Matthew D. Shair
Examiner Name	
Group Art Unit	
Attorney Docket No.	0342941-0050

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1721
Deposit Account Name Choate, Hall & Stewart

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$355.00)

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	25	-20** = 5	x 9.00	= 45.00
Independent Claims	5	- 3** = 2	x 40.00	= 80.00
Multiple Dependent				135.00 = 135.00

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 260.00)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	390	216	195	Extension for reply within second month
117	890	217	445	Extension for reply within third month
118	1,390	218	695	Extension for reply within fourth month
128	1,890	228	945	Extension for reply within fifth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,240	241	620	Petition to revive - unintentional
142	1,240	242	620	Utility issue fee (or reissue)
143	440	243	220	Design issue fee
144	600	244	300	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))
179	710	279	355	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				
SUBTOTAL (3) (\$)				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Karoline K.M. Shair, Ph.D.	Registration No. (Attorney/Agent)	44,332	Telephone	(617)248-5000
Signature	<i>Karoline K.M. Shair</i>	Date	February 7, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shair, *et al.*
Serial Number: * not assigned yet
Filed: February 7, 2001
For: *Method for Analysis of Reaction Products*

Assistant Commissioner for Patents
Washington, DC 20231

11003 U.S. PRO
09/778708
02/07/01



Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION
(37 CFR 3.73(b))

The assignee of the entire right, title and interest of inventors the President and Fellows of Harvard College, hereby seeks to take action in the Patent and Trademark Office in the above matter.

Ownership by the assignee is established as follows:

documents already recorded in the PTO on _____.

Reel _____ Frame _____; and

documents separately submitted for recordal to the PTO (a copy of these documents are attached).

STATEMENT

I, a person authorized to sign on behalf of the assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as assignees who seek to take further action.

Signature of Authorized Person

Name of Authorized Person

Title of Authorized Person

Respectfully submitted,

Karoline K.M. Shair, Ph.D.
Reg. No. 44,332

Choate, Hall & Stewart
Exchange Place
53 State Street
Boston, MA 02109
(617) 248-5000

Date: _____

* I authorize Choate, Hall & Stewart to fill in the serial number, if necessary.